Mike John Page

Data Scientist & R Specialist

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Skills

- *Languages:* R, SQL, Git

- *Technologies:* AWS, Selenium, Wikidata, Linux (Ubuntu), MacOS

Projects

- *newsrivr:* open source R Package that provides a wrapper to the Newsriver API following a tidy data philosophy.

- *Opt Out:* using cron I have an R script deployed on an AWS EC2 instance that appends Tweets to an RDS MySQL database. The data are being used to combat sexual harassment online.

- *Drawing Insight from Simple Data Exploration and Visualisation:* I sourced, wrangled and produced an R Markdown report about company formation data for a client which they used to secure investment.

- *Perfectionism in the Public Domain: A Natural Language Processing Approach:* Using a tidy data approach, I performed sentiment analysis and topic models (using latent Dirichlet allocation) to understand public perceptions of perfectionism.

- *Web Scraping the Weather:* used Python, Selenium, Beautiful Soup and Mozilla's geckodriver to build a web scraper that collects the current weather forecast for a given location from Wunderground.

- *GGDOT Hacknight:* I ran Box-Cox transformations and regression in R to analyse the CO_2 emissions of food. I created new features in the data set and found a novel and unexpected relationship in the data which are being further validated by the GGDOT group.

Experience

- DataKolektiv: *Data Science Internship*   2018-current

Co-developed a new information retrieval schema that enhances the annotation of text data via additional meta features obtained through a combination of named entity recognition and Wikidata calls. The work was presented at the MilanoR 2019 Meetup.

Education

- MSc by Research in Psychoendocrinology: *York St John University*   2016-2017
- Sport & Exercise Science (BSc): *York St John University*   2010-2014

Scientific Publications

- Page, M.J., Hill, A.P., Kavanagh, O., & Jones, S. (2018). Multidimensional perfectionism and cortisol response in non-clinical populations: A systematic review and evaluation. *Journal of Personality and Individual Differences, 124,* 16-24.

Certificates & Awards

- Springboard: *Introduction to Data Science*
- DataCamp: 13 courses (R/Python)
- £2500 Nestlé research grant
- 2016 BSPID conference doctoral research prize

Additional Languages

- Italian: *conversational*
- Spanish: *A1*

Interests

- Mountain biking, rock climbing, surfing, photography, travel, playing guitar.